| Inde | ex of | Clair | ns |
|------|-------|-------|----|
|      |       |       |    |

| Application No. | Applicant(s)   |  |
|-----------------|----------------|--|
| 10/840,198      | KLEIN, DEAN A. |  |
| Examiner        | Art Unit       |  |
| son t dinh      | 2824           |  |

| √ | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| o | Objected |

| Cla             | aim      |          |                 |          |  | Dat  | e          |          |                 |          |               | Cla             | im       |          |         |           | Date   |         |                    |           |     | CI    | aim        |              |                 |          |          | Date     | е          |          | _        |           |
|-----------------|----------|----------|-----------------|----------|--|--|------------|----------|-----------------|----------|---------------|-----------------|----------|----------|---------|-----------|--|---------|--------------------|-----------|-----|-------|------------|--------------|-----------------|----------|----------|----------|------------|----------|----------|-----------|
|                 | -        |          |                 |          |  |  |            |          |                 |          |               |                 | <u> </u> |          |         |           |  |         |                    |           |     |       |            |              |                 |          |          |          |            |          |          |           |
| Final           | Original | 3/5/05   |                 |          |  |  |            |          | 1 1             |          |               | Final           | Original |          |         |           | 1  |         |                    |           |     | Final | Original   |              |                 |          |          |          |            |          |          |           |
| ΙŒ              | ا يق     | <u>ښ</u> |                 |          | ļ  |  |            |          |                 |          |               | 证               | Örj      |          |         |           |  |         |                    |           |     | ίĽ    | ا کی       |              |                 |          |          |          |            |          |          |           |
|                 | Ľ        |          |                 |          | _  | L  | L          |          |                 |          |               |                 |          |          |         |           | $\sqcup$   |         |                    |           |     |       |            | 丄            | Ш               |          |          |          |            |          |          |           |
|                 | 1        | ٧        |                 |          | Ŀ  | <u> </u>   | ↓_         | _        | $\sqcup$        |          |               |                 | 51       | <u> </u> | . _     | 1_        | $\sqcup$   | _ _     | 4_                 |           |     |       | 101        | _            | Ш               | _        |          |          | lacksquare |          |          |           |
|                 | 2        | <u> </u> |                 | _        | <u> </u>   | _  | <u> </u>   | _        | $\sqcup$        | _        |               |                 | 52       | <u> </u> |         | _         | $\sqcup$   |         | $\perp \perp \mid$ | :         |     |       | 102        |              | Ш               | _        |          |          |            | Ш        |          | _         |
|                 | . 3      | <u> </u> | _               |          | <u> </u>   | ┡  | ┞          | _        | $\vdash$        | _        |               |                 | 53       |          | $\perp$ | +         | $\sqcup$   | $\bot$  | $\perp$            | :         |     |       | 103        | <u> </u>     |                 | _        |          |          | L          |          |          |           |
| <u></u>         | 4        | V        |                 |          | -  | -  | -          | -        | $\vdash$        |          |               |                 | 54       |          | +       | +         | $\vdash$   | $\perp$ | 1                  | <u> </u>  |     |       | 104        | _            | _               | _        | -        |          | <u> </u>   |          | -        |           |
| $\vdash$        | 5        | V        |                 |          | $\vdash$   |  | ╀          |          | $\vdash$        |          |               |                 | 55       |          | +       | ┿         | <del> </del> ⊦                                   | - -     |                    |           |     |       | 105        | ⊢            | -               | -        | -        | _        |            | Н        | Ш        |           |
| <del> </del>    | 6<br>7   | V        | $\vdash$        |          | $\vdash$   | ├  | ╁          | ⊢        | -               |          |               |                 | 56<br>57 | $\vdash$ | +       | ╁         | ┼╌┼  |         | +                  | H         |     |       | 106<br>107 | <del> </del> | $\vdash$        | $\dashv$ | $\dashv$ |          |            | $\dashv$ | $\vdash$ |           |
|                 | 8        | V        |                 | _        | -  | -  | ┼          | ╁        | 1-              | _        |               |                 | 58       |          |         | +         | $\vdash$   | +       | +                  | -         |     |       | 107        | ├            |                 | $\dashv$ |          |          |            | $\dashv$ |          | _         |
|                 | 9        | v        | H               |          | -  | <del>                                     </del> | ┢          | ╁        | 1               |          |               |                 | 59       | -        | +       | +         | H  | +       | +                  | -         |     |       | 109        | ⊢            | $\vdash$        | $\dashv$ | -        | _        | -          |          | $\vdash$ |           |
|                 | 10       | H        |                 |          |  | ┢┈   | $\vdash$   | ╁╴       | -               |          |               |                 | 60       | -        |         | +         | <del>                                     </del> | - -     | ╁                  | H         |     |       | 110        | $\vdash$     | -               | -        |          |          |            | $\dashv$ | $\vdash$ |           |
|                 | 11       | -        |                 |          | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$ |                 | _        |               |                 | -61      | -        | +       | +         | $\vdash$   | +       | +                  | $\square$ |     |       | 111        |              | $\vdash$        | $\dashv$ | $\dashv$ |          | $\vdash$   | $\vdash$ |          | _         |
| $\vdash$        | 12       | $\vdash$ | Н               |          | $\vdash$   |  | t          | 1        | $\vdash$        |          |               |                 | 62       |          | +       | +         | $\vdash$   | +       | +                  | $\vdash$  |     |       | 112        |              | $\vdash$        |          | $\dashv$ |          | <u> </u>   |          |          | _         |
|                 | 13       |          | H               |          |  | l  | t          |          | Ħ               |          |               |                 | 63       | $\vdash$ | +       | +         | $\vdash$   |         | +-                 | $\square$ |     |       | 113        | $\vdash$     | $\vdash$        |          | -        | _        |            | $\vdash$ | $\dashv$ | _         |
|                 | 14       |          | П               |          |  |  | 1          | 1-       |                 |          |               |                 | 64       |          | $\top$  | T         |  |         | +                  |           |     |       | 114        | Т            | $\vdash$        |          | $\dashv$ |          |            |          | $\dashv$ |           |
|                 | 15       |          | П               |          |  |  |            | 1        | $\Box$          |          |               |                 | 65       |          | $\top$  | 1         | +  | $\top$  | $\top$             |           |     |       | 115        |              | $\Box$          |          | $\dashv$ |          |            | $\dashv$ | $\dashv$ |           |
|                 | 16       |          |                 |          |  |  |            | 1        | $\Box$          |          |               |                 | 66       |          | $\top$  |           | $T^{\dagger}$                                    | 7       | $\top$             |           |     |       | 116        | Т            |                 |          | $\dashv$ |          |            |          | $\dashv$ |           |
|                 | 17       |          |                 |          |  | L  |            |          |                 |          |               |                 | 67       |          |         | T         |  |         | $\top$             |           |     |       | 117        | Γ            | $\Box$          |          |          |          |            |          |          |           |
|                 | 18       |          |                 |          |  |  |            |          |                 |          |               |                 | 68       |          |         |           |  |         |                    |           |     |       | 118        |              |                 |          |          |          |            |          |          | _         |
|                 | 19       |          |                 |          |  |  |            |          |                 |          |               |                 | 69       |          |         |           |  |         |                    |           |     |       | 119        |              |                 |          |          |          |            |          |          |           |
|                 | 20       |          |                 |          |  |  | L          |          |                 |          |               |                 | 70       |          |         |           |  |         |                    |           |     |       | 120        |              |                 |          |          |          |            |          |          |           |
|                 | 21       |          |                 |          |  |  | <u> </u>   |          |                 |          |               |                 | 71       |          |         |           |  |         |                    |           |     |       | 121        |              |                 |          |          |          |            |          |          |           |
|                 | 22       |          |                 |          |  |  |            |          | Ш               |          |               |                 | 72       |          |         |           |  |         |                    |           |     |       | 122        |              |                 |          |          |          |            |          |          |           |
|                 | 23       |          |                 |          |  |  |            | _        |                 |          |               |                 | 73       |          | _       |           |  |         |                    |           |     |       | 123        |              |                 |          |          |          |            |          |          |           |
|                 | 24       |          |                 |          |  |  | _          |          |                 |          |               |                 | 74       |          | 4       | 1         | $\sqcup$   |         |                    | _         |     |       | 124        |              |                 | _        |          |          |            |          |          |           |
| $\vdash \vdash$ | 25       | _        |                 |          |  | <u> </u>   |            |          | $\sqcup$        |          |               |                 | 75       |          | 4       | _         | $\sqcup$   | _ _     | 11                 |           |     |       | 125        | _            |                 | _        |          |          |            |          |          |           |
|                 | 26       |          |                 | _        |  | <u> </u>   |            | ļ        |                 | _        |               |                 | 76       |          | 4       | $\bot$    | $\vdash$   | $\perp$ | 1.                 |           |     |       | 126        | <u> </u>     |                 | _        | _        | 4        |            | _        |          | _         |
|                 | 27       |          | _               |          |  |  | <u> </u> _ | L.       |                 | _        |               |                 | 77       |          | 4       | +         | $\sqcup$   | $\perp$ | +                  | ::        | 1   |       | 127        | _            | $\dashv$        | _        | _        |          |            | _        | $\dashv$ | _         |
| -               | 28       | _        |                 |          |  | _  | <u> </u>   |          | $\vdash$        | $\dashv$ | }             |                 | 78       |          | +-      | -         | $\vdash$   | -       |                    | _         | ŀ   |       | 128        | <u> </u>     |                 | _        | _        | _        |            | _        | _        | _         |
|                 | 29<br>30 | _        |                 |          | _  | _  | <u> </u>   | $\vdash$ | $\vdash$        | ႕        |               |                 | 79       |          | +-      | +-        | $\vdash$   |         | +                  |           |     |       | 129        | <u> </u>     | $\vdash$        | _        | _        |          | _          |          |          |           |
|                 | 31       | -        |                 | -        | _  | _  |            | Н        | $\vdash$        | $\dashv$ |               |                 | 80<br>81 | -        | +-      | +-        | $\vdash$   |         | +                  |           | ŀ   |       | 130        | <u> </u>     | $\vdash$        | -        |          | $\dashv$ |            |          | $\dashv$ |           |
|                 | 32       | $\dashv$ | $\dashv$        | $\dashv$ | _  | <del>  </del>                                    | -          | $\vdash$ | $\vdash \vdash$ | -        |               |                 | 82       | +        | +       | +         | $\vdash$   | +       | +-                 |           | ::: |       | 131<br>132 |              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ |          |           |
|                 | 33       | $\dashv$ | $\dashv$        | $\dashv$ |  | $\vdash$   |            | $\vdash$ | $\vdash$        | $\dashv$ | <b>      </b> |                 | 83       |          | +-      | +         | $\vdash$   | +       | ╁╌┤                | $\dashv$  | 1   |       | 133        | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | ᅱ        |          |           |
|                 | 34       | $\dashv$ | $\dashv$        | $\dashv$ |  |  | $\vdash$   | $\vdash$ | $\vdash$        | $\dashv$ | ŀ             |                 | 84       | $\dashv$ | +       | +         | $\vdash$   | +       | ╁╌┼                |           | ŀ   |       | 134        | <del> </del> | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\dashv$   | $\dashv$ |          |           |
|                 | 35       | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash$   |  | $\vdash$   | Н        | $\vdash$        | $\dashv$ | iiii          |                 | 85       | $\dashv$ | +       | +         | $\vdash$   | +       | + +                | $\dashv$  | ŀ   |       | 135        | $\vdash$     | $\dashv$        | $\dashv$ | $\dashv$ | -        |            | $\dashv$ | $\dashv$ |           |
|                 | 36       | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$   |  |            | $\vdash$ | $\vdash$        | $\dashv$ |               |                 | 86       | _        | +-      | -         | $\vdash$   | +       | ++                 | $\dashv$  | ŀ   |       | 136        | $\vdash$     | $\dashv$        | -        |          | $\dashv$ | $\dashv$   | $\dashv$ | -        |           |
|                 | 37       |          | $\dashv$        | $\neg$   |  | $\vdash$   | Н          |          | $\vdash$        | $\dashv$ | ::::          |                 | 87       |          | +       | $\dagger$ | $\vdash$   | +       | 1-1                | $\dashv$  | ŀ   |       | 137        | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ |           |
|                 | 38       |          | $\neg$          |          |  |  |            | H        | H               | $\dashv$ | ŀ             |                 | 88       | $\dashv$ | +       | $\dagger$ | $\vdash$   | +       | +                  | $\dashv$  | ŀ   |       | 138        |              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ |          |           |
|                 | 39       |          | $\neg$          | $\neg$   |  |  | Ė          | П        |                 | $\dashv$ |               | $\neg \uparrow$ | 89       |          | 1       | $\top$    | $\Box$   | $\top$  | 1 1                |           | ı   |       | 139        |              | $\vdash$        | 寸        | +        | ┪        | $\dashv$   |          | $\neg$   | _         |
|                 | 40       |          |                 | _        |  |  |            |          | $\Box$          | $\neg$   | i             |                 | 90       |          | $\top$  | $\top$    |  | $\top$  | $\Box$             | $\neg$    | t   |       | 140        |              | $\Box$          | $\dashv$ | $\dashv$ | $\dashv$ |            | _        | $\dashv$ |           |
|                 | 41       |          | $\neg \uparrow$ |          |  |  |            | П        | Ħ               |          | i             | -               | 91       |          | T       | $\top$    |  |         | 11                 |           | l   |       | 141        | _            | $\dashv$        | $\dashv$ | $\dashv$ | 7        | $\dashv$   | $\dashv$ | $\dashv$ |           |
|                 | 42       |          |                 |          |  |  |            |          |                 |          |               |                 | 92       |          |         |           |  | 1       | $\sqcap$           | $\exists$ | ľ   |       | 142        |              |                 | $\dashv$ | $\dashv$ | ᅥ        |            | 7        | $\neg$   | $\exists$ |
|                 | 43       |          |                 |          |  |  |            |          |                 |          | ı             |                 | 93       |          |         |           |  |         |                    |           | ľ   |       | 143        |              |                 |          | $\Box$ † |          | $\neg$     | $\neg$   | $\dashv$ |           |
|                 | 44       |          | $\Box$          |          |  |  |            |          |                 | _]       | [             |                 | 94       |          |         |           |  |         |                    |           | [   |       | 144        |              |                 |          |          |          |            | 丁        |          |           |
|                 | 45       |          |                 |          |  |  |            |          |                 |          | [             |                 | 95       |          |         |           |  |         |                    |           | ſ   |       | 145        |              |                 |          |          |          | 二          | 丁        |          |           |
|                 | 46       |          |                 |          |  |  |            |          |                 |          | ]             |                 | 96       | $\bot$   |         |           |  |         |                    | _]        | [   |       | 146        |              |                 | J        |          |          |            |          |          |           |
|                 | 47       | $\perp$  | $\perp$         |          |  |  | $\Box$     |          |                 | _        |               |                 | 97       |          |         |           |  |         | $\Box$             | _]        | [   |       | 147        |              |                 |          | $\Box$   |          | $\Box$     |          |          |           |
|                 | 48       | _        | _               | _        | _  | _  |            | Ш        | $\sqcup$        | _        |               |                 | 98       | $\perp$  | $\perp$ | $\perp$   | $\sqcup$   | 4_      | $\bot \bot$        | _         |     |       | 148        |              |                 |          |          |          | $\Box$     |          | $\Box$   |           |
|                 | 49       |          |                 | _        | ļ  |  |            | Ш        |                 | _        |               |                 | 99       | $\perp$  | 1_      | $\perp$   | $\perp$  | _       |                    | _         |     | ]     | 149        |              |                 | $\perp$  | _[       |          |            |          |          |           |
|                 | 50       |          |                 |          |  |  |            |          |                 |          | !!![          |                 | 100      |          | . [     | 1         |  |         |                    |           |     |       | 150        |              |                 |          |          |          | ı          |          | ĺ        |           |